

ABSTRACT

When a glass substrate for a liquid crystal display is manufactured using the downdraw method, strain caused by differences in the temperature of the sheet glass achieved as a result of cooling are reduced. Furthermore, minute strain that occurs when the sheet glass manufactured using the downdraw method is cut into smaller pieces is inhibited.

10 When the sheet glass 8 is manufactured using the downdraw method, a temperature distribution is formed in the widthwise direction of the sheet glass 8 by the heat treating unit 9 used in the slowly cooling process after molding. This temperature distribution is a distribution that can offset the temperature distribution in the sheet glass 8 caused by the fact that the thickness of the sheet glass 8 after molding is greater in the edge areas than that in the surface area.

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